

PATENT
Attorney Docket No. ASC-023C2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Fitzgerald CONFIRMATION NO.: 8574
SERIAL NO.: 10/826,156 GROUP NO.: 2811
FILING DATE: April 16, 2004 EXAMINER: Not yet assigned
TITLE: CONTROLLING THREADING DISLOCATION DENSITIES IN Ge
ON Si USING GRADED GeSi LAYERS AND PLANARIZATION

Office of Initial Patent Examination
Customer Service Center
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

1. Attached is a copy of the official filing receipt received from the Patent Office for the above-identified application for which issuance of a corrected filing receipt is respectfully requested.
2. There is an error with respect to the following data, which is:

incorrectly entered

and/or

omitted

<i>Error In</i>	<i>Correct Data</i>
1. <input type="checkbox"/> Applicant's name	1.
2. <input type="checkbox"/> Applicant's address	2.
3. <input type="checkbox"/> Title	3.
4. <input type="checkbox"/> Filing Date	4.
5. <input type="checkbox"/> Serial Number	5.
6. <input type="checkbox"/> Foreign/PCT Application Re:	6.
7. <input checked="" type="checkbox"/> Other – Power of Attorney	7. See Chart below:

INCORRECT DATA

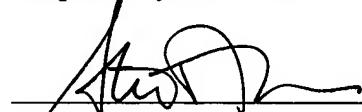
Edmund Pitcher – 27829
Steven Bauer – 31481
Steven Frank – 33497
Christopher Stamos – 35370
Robert J. Tosti – 35393
Douglas J. Kline – 35574
Thomas A. Turano – 35722
Joseph Capraro Jr. – 36471
John Bianco – 36748
Thomas Meyers - 36989

CORRECT DATA

John J. Cotter – 38116
Natasha C. Us – 44381
Steven J. Frank – 33497
Christopher W. Stamos – 35370
Robert J. Tosti – 35393
Douglas J. Kline – 35574
Thomas A. Turano – 35722
Mark L. Beloborodov – 50773
Michael H. Brodowski – 41640
Brian M. Gaff – 44691

3. Attached is a copy of the Patent Practitioners of Record under 37 C.F.R. § 1.32(c)(3) that was filed with the Patent Office on October 14, 2004.

Respectfully submitted,

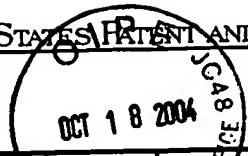


Steve J. Frank
Attorney for Applicant
Testa, Hurwitz, & Thibeault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

RECEIVED



UNITED STATES PATENT AND TRADEMARK OFFICE



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UNITED STATES DEPARTMENT OF COMMERCE
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Arlington, VA 22204-1450
TESTA, HURWITZ & THIBEAULT, LLP

TESTA, HURWITZ & THIBEAULT, LLP

APPL NO.	FILING OR 37(c) DATE	ART UNIT	FILED REC'D	ATTY.DOCKET NO	HATENT DEPARTMENT	DRAWINGS	TOT CLMS	IND CLMS
10/826,156	04/16/2004	284	900	ASC-023C2		5	1	1

CONFIRMATION NO. 8574

021323
TESTA, HURWITZ & THIBEAULT, LLP
HIGH STREET TOWER
125 HIGH STREET
BOSTON, MA 02110

UPDATED FILING RECEIPT



OC000000013836447

Date Mailed: 09/20/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Eugene A. Fitzgerald, Windham, NH;

Assignment For Published Patent Application

Massachusetts Institute of Technology, Cambridge, MA

Power of Attorney:

Edmund Pitcher-27829 John J. Cotter 3816 Douglas J. Kline-35574
Steven Bauer-31481 Natasha C. US 44381 Thomas A. Turano-35722
Steven Frank-33497 Joseph Gapraro Jr-36471 Mark L. Beloborodov 50773
Christopher Stamos-35370 John Bianco-35748 Michael H. Brodowski 41640
Robert J. Tosti-35393 Thomas Meyers-36989 Brian M. Gaff 44691

Domestic Priority data as claimed by applicant

This application is a CON of 09/611,024 07/06/2000
which is a CON of 09/103,672 06/23/1998 PAT 6,107,653
which claims benefit of 60/050,602 06/24/1997
and claims benefit of 60/059,765 09/16/1997

Foreign Applications

If Required, Foreign Filing License Granted: 06/26/2004

The number of your priority application, to be used for filing abroad under the Paris Convention is,

US10/826,156

Projected Publication Date: 12/30/2004

Non-Publication Request: No

Early Publication Request: No

Title

Controlling threading dislocation densities in Ge on Si using graded GeSi layers and planarization

Preliminary Class

257

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

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NOT GRANTED

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PATENT
Attorney Docket No. ASC-023C2

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SERIAL NO.: 10/826,156 GROUP NO.: 2811
FILING DATE: April 16, 2004 EXAMINER: Not yet assigned
TITLE: CONTROLLING THREADING DISLOCATION DENSITIES IN Ge
ON Si USING GRADED GeSi LAYERS AND PLANARIZATION

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT PRACTITIONERS OF RECORD UNDER 37 C.F.R. § 1.32(c)(3)

Dear Sir:

Under 37 C.F.R. § 1.32 (c)(3), the following patent practitioners listed on the Declaration and Power of Attorney For Utility or Design Patent Application submitted with the filed Application on April 16, 2004, should be recognized by the U.S. Patent and Trademark Office as being of record in the above-identified patent application to which the power of attorney is directed.

1.	John J. Cotter	Registration No.	38,116
2.	Natasha C. Us	Registration No.	44,381
3.	Steven J. Frank	Registration No.	33,497
4.	Christopher W. Stamos	Registration No.	35,370
5.	Robert J. Tosti	Registration No.	35,393
6.	Douglas J. Kline	Registration No.	35,574
7.	Thomas A. Turano	Registration No.	35,722
8.	Mark L. Beloborodov	Registration No.	50,773
9.	Michael H. Brodowski	Registration No.	41,640
10.	Brian M. Gaff	Registration No.	44,691

The Patent Office is requested to contact the undersigned with any questions.

Respectfully submitted,



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Reg. No. 33,497

Tel. No.: (617) 310-8108
Fax No.: (617) 248-7100

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PATENT
ASC-023C2 (5473/178)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Fitzgerald **CONFIRMATION NO.:** 8574
SERIAL NUMBER: 10/826,156 **ART UNIT:** 2811
FILING DATE: April 16, 2004 **EXAMINER:** Not yet assigned
TITLE: Controlling Threading Dislocation Densities In Ge on Si Using Graded
GeSi Layers and Planarization

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Office of Initial Patent Examination, Customer Service Center, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 14th day of October, 2004.


Lisa Marie Solis

Office of Initial Patent Examination
Customer Service Center
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

1. Transmittal Form (1 pg.);
2. Request for Corrected Filing Receipt (2 pgs.);
3. Marked-up Copy of Official Filing Receipt (2 pgs.);
4. Copy of Patent Practitioners of Record Under 37 C.F.R. § 1.32(c)(3)
(1 pg.); and
5. Return Receipt Postcard.

**TRANSMITTAL
FORM**



	Application Serial Number	10/826,156
	Filing Date	April 16, 2004
	First Named Inventor	Fitzgerald
	Group Art Unit	2811
	Examiner Name	Not Yet Assigned
	Attorney Docket No.	ASC-023C2
	Confirmation No.	8574
	Patent No.	Not applicable
	Issue Date	Not applicable

ENCLOSURES (check all that apply)

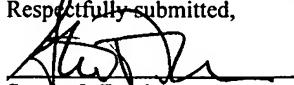
<input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form 	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <ul style="list-style-type: none"> <input type="checkbox"/> Formal Drawing(s) 	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <ul style="list-style-type: none"> <input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] 	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <ul style="list-style-type: none"> <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) 	<input type="checkbox"/> Status Inquiry <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) <input checked="" type="checkbox"/> Request for Corrected Filing Receipt <input checked="" type="checkbox"/> Marked-up copy of Official Filing Receipt <input checked="" type="checkbox"/> Copy of Patent Practitioners of Record Under 37 C.F.R. § 1.32(c)(3)
<input type="checkbox"/> Petition for Extension of Time <ul style="list-style-type: none"> <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations 	<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <ul style="list-style-type: none"> <input type="checkbox"/> Small Entity Statement 	
<input type="checkbox"/> Information Disclosure Statement <ul style="list-style-type: none"> <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations 	<input type="checkbox"/> CD(s) for large table or computer program <ul style="list-style-type: none"> <input type="checkbox"/> Amendment After Allowance 	
<input type="checkbox"/> Certified Copy of Priority Document(s) <ul style="list-style-type: none"> <input type="checkbox"/> Sequence Listing submission <ul style="list-style-type: none"> <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above 	<input type="checkbox"/> Request for Certificate of Correction <ul style="list-style-type: none"> <input type="checkbox"/> Certificate of Correction (in duplicate) 	

CORRESPONDENCE ADDRESS

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SIGNATURE BLOCK

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